

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/004171

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G06F17/30 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/016779 A1 (BIBAS GREGORY M ET AL) 7 February 2002 (2002-02-07) the whole document -----	1-45
X	WO 02/29508 A (LEE SWEE HOONG ; SOH TEONG GEE (SG)) 11 April 2002 (2002-04-11) the whole document -----	1-45
X	US 2003/115111 A1 (FISHER DOUGLAS C) 19 June 2003 (2003-06-19) the whole document -----	1-45
X	EP 0 967 545 A (BRITISH TELECOMM) 29 December 1999 (1999-12-29) the whole document ----- -----	1-45 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

14 December 2004

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22/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 278 993 B1 (RAJAN SREERANGA P ET AL) 21 August 2001 (2001-08-21) the whole document -----	1-45
X	WO 99/52042 A (FIROUZFAR REZA ; TELIA AB (SE); HUHTA ANNE MARIE (SE); ISAKSSON LENNAR) 14 October 1999 (1999-10-14) the whole document -----	1-45
X	WO 00/46687 A (DEALTIME COM LTD ; DEALTIME COM LTD (US)) 10 August 2000 (2000-08-10) the whole document -----	1-45
X	US 2003/050865 A1 (RAVI KUMAR ET AL) 13 March 2003 (2003-03-13) the whole document Pages 6-7, figure 5 -----	1-45
X	US 5 331 546 A (KANGAS SANDRA E ET AL) 19 July 1994 (1994-07-19) the whole document -----	1-45
X	US 5 237 499 A (GARBACK BRENT J) 17 August 1993 (1993-08-17) the whole document -----	1-45
X	US 5 794 207 A (JORASCH JAMES A ET AL) 11 August 1998 (1998-08-11) the whole document figure 11 -----	1-45
A	US 2002/132616 A1 (RICHTER MATTHIAS ET AL) 19 September 2002 (2002-09-19) the whole document -----	1-45

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

WT/GB2004/004171

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

ST/GB2004/004171

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5331546	A	19-07-1994	US	5021953 A		04-06-1991
US 5237499	A	17-08-1993	AU	3066292 A		15-06-1993
			CA	2123230 A1		27-05-1993
			WO	9310502 A1		27-05-1993
US 5794207	A	11-08-1998	AU	733969 B2		31-05-2001
			AU	4247997 A		26-03-1998
			BR	9713193 A		21-12-1999
			CA	2273176 A1		12-03-1998
			CN	1244270 A		09-02-2000
			EP	0954817 A1		10-11-1999
			JP	2001527666 T		25-12-2001
			WO	9810361 A1		12-03-1998
			US	6332129 B1		18-12-2001
			US	6041308 A		21-03-2000
			US	2002178069 A1		28-11-2002
			US	6510418 B1		21-01-2003
			US	6754636 B1		22-06-2004
			US	2002178071 A1		28-11-2002
			US	6466919 B1		15-10-2002
			US	2004243478 A1		02-12-2004
			US	6085169 A		04-07-2000
			US	6345090 B1		05-02-2002
			US	6484153 B1		19-11-2002
			US	6240396 B1		29-05-2001
			US	6134534 A		17-10-2000
			US	6553346 B1		22-04-2003
			US	6418415 B1		09-07-2002
			US	6119100 A		12-09-2000
			US	6108639 A		22-08-2000
			US	6356878 B1		12-03-2002
US 2002132616	A1	19-09-2002		NONE		